

ABSTRACT OF THE DISCLOSURE

A glass substrate for use as the substrate of an information recording medium such as a magnetic disk, magneto-optical disk, DVD, or MD or of an optical communication device, and a glass composition for making such a glass substrate, contains the following glass ingredients: 45 to 75 % by weight of SiO₂; 1 to 20 % by weight of Al₂O₃; 0 to 8 % by weight, zero inclusive, of B₂O₃; SiO₂ + Al₂O₃ + B₂O₃ accounting for 60 to 90 % by weight; a total of 0 to 20 % by weight, zero inclusive, of R₂O compounds, where R = Li, Na, and K; and a total of 0 to 15 % by weight, zero inclusive, of TiO₂ + ZrO₂ + Ln_xO_y, where Ln_xO_y represents at least one compound selected from the group consisting of lanthanoid metal oxides, Y₂O₃, Nb₂O₅, and Ta₂O₅.